

COLORADO RIVER ACTION PLAN: GUNNISON RIVER

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	ACTIVITY	WHO	STATUS	FY 03 10/02-9/03	FY 04 10/03-9/04	FY 05 10/04-9/05	FY 06 10/05-9/06	FY 07 10/06-9/07	FY 08 10/07-9/08	OUT- YEARS
	II.A.1. Develop management plan for Escalante State Wildlife Area.		Complete 5/94							
	II.A.2. Develop and implement levee removal strategy at high-priority sites.									
	II.A.2.a. Preconstruction (contaminants screening, floodability assessments, environmental compliance, design & engineering).	BR		X						
>*	II.A.2.b. Construction (levee removal)	BR		X						
	II.A.2.c. Operate and maintain.	BR/FWS		X						
	II.A.2.d. Evaluation.	FWS		X						
	II.A.3. Acquire interest in high-priority flooded bottomland habitats.									
	II.A.3.a. Identify and evaluate sites.	FWS		X						
	II.A.3.b. Pre-acquisition planning and identification of acquisition options.	PD		X						
	II.A.3.c. Conduct appraisal/NEPA compliance.	PD		X						
>*	II.A.3.d. Negotiate & acquire.	PD		X						
	II.A.3.e. Evaluate effectiveness of land acquisition activities and provide recommendations.	PD		X						
	II.B. Restore native fish passage at instream barriers.									
	II.B.1. Restore passage at Redlands.									
	II.B.1.a. Assess and make recommendations for fish passage.	FWS	Complete							
	II.B.1.b. Implement viable options to restore fish passage.									
	II.B.1.b.(1) Design passage, conduct NEPA compliance.	BR	Complete							
>*	II.B.1.b.(2) Construct fish ladder.	BR	Complete							
>*	II.B.1.c. Operate and maintain fish ladder.	FWS-FR/BR	Ongoing	X	X	X	X	X	X	X
	II.B.1.d. Monitor and evaluate success.	FWS-FR/BR	Complete							
	II.B.1.e. Identify minimum flows below Redlands Diversion Dam.	FWS-FR	Complete							
>*	II.B.1.f. Deliver flows below Redlands.	BR	Ongoing	X	X	X				
	II.B.1.g. Screen Redlands diversion structure to prevent endangered fish entrainment .									
	II.B.1.g.(1) Design.	BR		X						
>*	II.B.1.g.(2) Construct.	BR			X	3/05				
	II.B.2. Restore passage at Hartland.									
	II.B.2.a. Assess and make recommendations for fish passage.	FWS-FR	Complete							
	II.B.2.b. Evaluate viable options to restore fish passage.	BR	Complete							
	II.B.2.c. Design passage, conduct NEPA compliance.	BR	On hold			X				
>*	II.B.2.d. Construct fish passage, if needed.	BR	On hold				X	4/07		
>*	II.B.2.e. Operate and maintain.	TBD						X	X	X
	II.B.2.f. Monitor and evaluate success.	FWS								
	II.B.2.g. Screen Hartland diversion to prevent endangered fish entrainment, if warranted.									
	II.B.2.g.(1) Assess need.	BR/FWS/PD		X						
	II.B.2.g.(2) Design.	BR				X				
>*	II.B.2.g.(3) Construct, if needed.	BR					3/06			
	III. REDUCE NEGATIVE IMPACTS OF NONNATIVE FISHES AND SPORTFISH MANAGEMENT ACTIVITIES (NONNATIVE AND SPORTFISH MANAGEMENT)									
	III.A. Reduce negative interactions between nonnative and endangered fishes.									
	III.A.1. Increase law enforcement activity to decrease angling mortality.	CDOW	Ongoing	X	X	X	X	X	X	X
>*	III.A.2. Remove small nonnative cyprinids from backwaters and other low velocity habitats.	CDOW	On hold							
>*	III.A.3. Reclaim ponds in critical habitat	CDOW	Complete							
	III.A.3.a. Evaluate and make recommendations.	CDOW	Complete							
	IV. MANAGE GENETIC INTEGRITY AND AUGMENT OR RESTORE POPULATIONS (STOCKING ENDANGERED FISHES)									
	IV.A. Augment or restore populations as needed and as guided by the Genetics Management Plan.									
	IV.A.1. Razorback sucker.									
	IV.A.1.a. Develop experimental augmentation plan and seek Program acceptance.	FWS-FR	Complete							
	IV.A.1.b. Implement experimental augmentation plan. (Goal: 10 adults/river mile.)									
>	IV.A.1.b.(1) Stock fish.	FWS-FR	Complete							

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	IV.A.1.b.(2) Monitor and evaluate results; make recommendations regarding further augmentation.	FWS-FR	Complete							
	IV.A.2. Develop State stocking plan for Colorado pikeminnow in the Gunnison River.									
	IV.A.2.a. Program acceptance.		Complete							
>	IV.A.2.b. Implement Colorado pikeminnow State stocking plan.	CDOW/FWS	Ongoing	X	X	X	X	X	X	X
	IV.A.2.c. Evaluate stocking success as identified in monitoring plan for stocked fish.	FWS/CDOW		X	X	X	X	X	X	X
	IV.A.3. Develop State stocking plan for razorback sucker in the Gunnison River.									
	IV.A.3.a. Program acceptance.		Complete							
>	IV.A.3.b. Implement razorback sucker State stocking plan.	CDOW/FWS	Ongoing	X	X	X	X	X	X	X
	IV.A.3.c. Evaluate stocking success as identified in monitoring plan for stocked fish.	FWS/CDOW		X	X	X	X	X	X	X
V.	MONITOR POPULATIONS AND HABITAT AND CONDUCT RESEARCH TO SUPPORT RECOVERY ACTIONS (RESEARCH, MONITORING, AND DATA MANAGEMENT)									
V.A.	Conduct research to acquire life history information and enhance scientific techniques required to complete recovery actions.									
V.A.1.	Conduct Colorado pikeminnow and razorback sucker inventory in Gunnison River above Redlands.	FWS-FR	Complete							
V.A.2.	Identify additional spawning sites of endangered fishes on the Gunnison River.	FWS-FR		X	X	8/05				